Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082621\
Data File : VV021958.D
Acq On : 26 Aug 2021 14:02
Operator : SY/MD
Sample : M3526-14ME
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 27 03:48:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 27 03:46:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	416107	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	408172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	234660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	112109	34.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.920%		
7) Chloroethane-d5	1.532	69	30769	12.534	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.060%#		
11) 1,1-Dichloroethene-d2	2.079	63	142352	27.491	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.980%#		
21) 2-Butanone-d5	3.879	46	154873	76.550	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.550%		
24) Chloroform-d	4.339	84	213933	37.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.920%		
26) 1,2-Dichloroethane-d4	5.024	65	144244	44.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.980%		
32) Benzene-d6	5.037	84	487617	41.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.080%		
36) 1,2-Dichloropropane-d6	6.063	67	158228	43.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.580%		
41) Toluene-d8	7.310	98	462558	42.636	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.280%		
43) trans-1,3-Dichloroprop...	7.622	79	72373	40.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.460%		
47) 2-Hexanone-d5	8.098	63	119744	99.954	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.950%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	200481	44.260	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.520%		
66) 1,2-Dichlorobenzene-d4	11.628	152	214581	44.186	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.380%		
Target Compounds						Qvalue
16) Methylene chloride	2.490	84	7085	2.071	ug/L	90
25) Chloroform	4.368	83	18902	3.419	ug/L	91
42) Toluene	7.387	91	91915	6.852	ug/L	99
44) trans-1,3-Dichloropropene	7.619	75	3299	0.695	ug/L #	74
48) 2-Hexanone	8.101	43	15622	4.610	ug/L #	70
53) m,p-Xylene	9.146	106	4832	0.871	ug/L	96
63) 1,2,4-Trimethylbenzene	10.921	105	17354	1.293	ug/L	97
71) Naphthalene	13.509	128	8411	0.625	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 27 03:48:15 2021
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Quant Title : VOC Analysis
QLast Update : Fri Aug 27 03:46:52 2021
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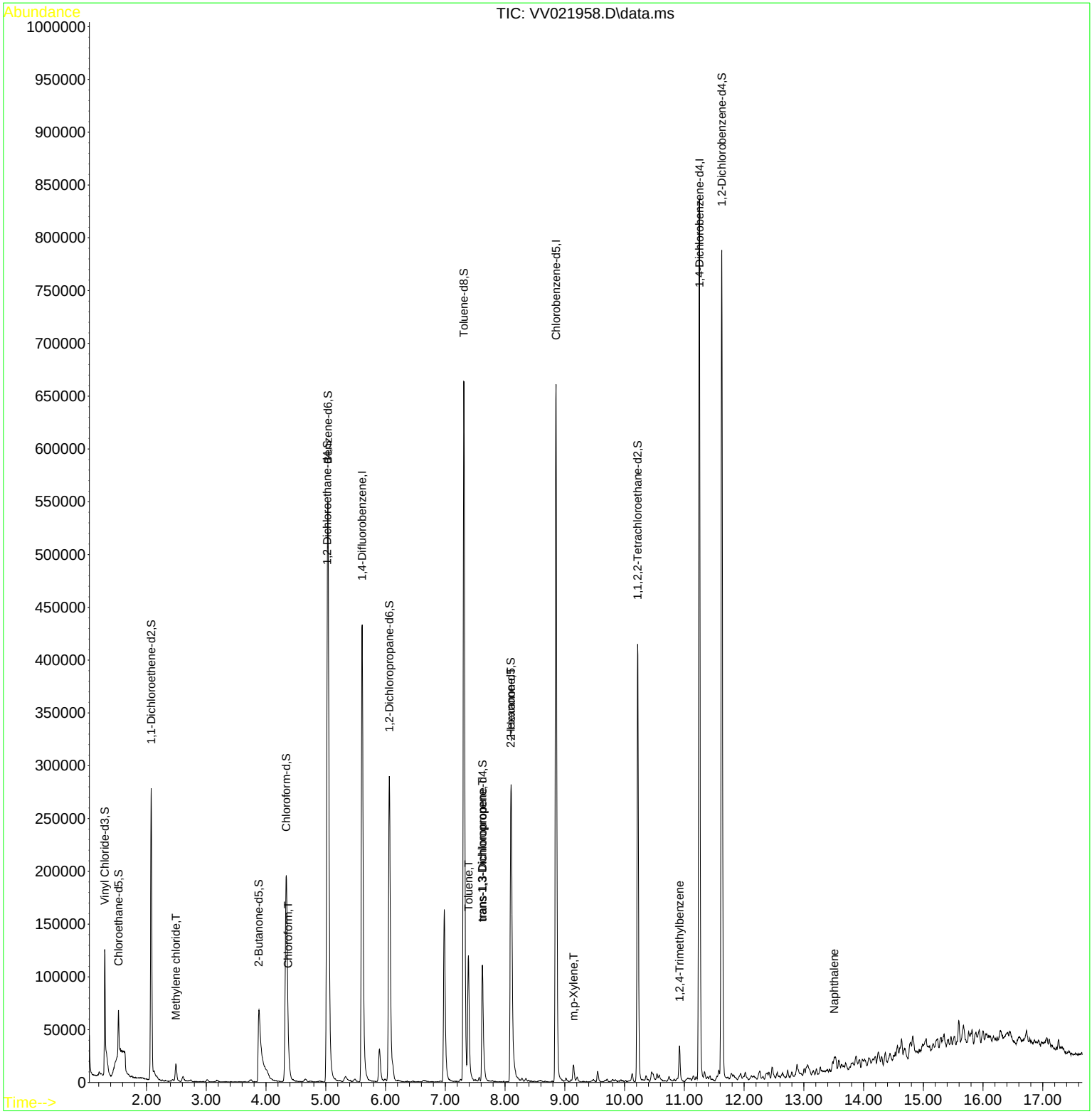
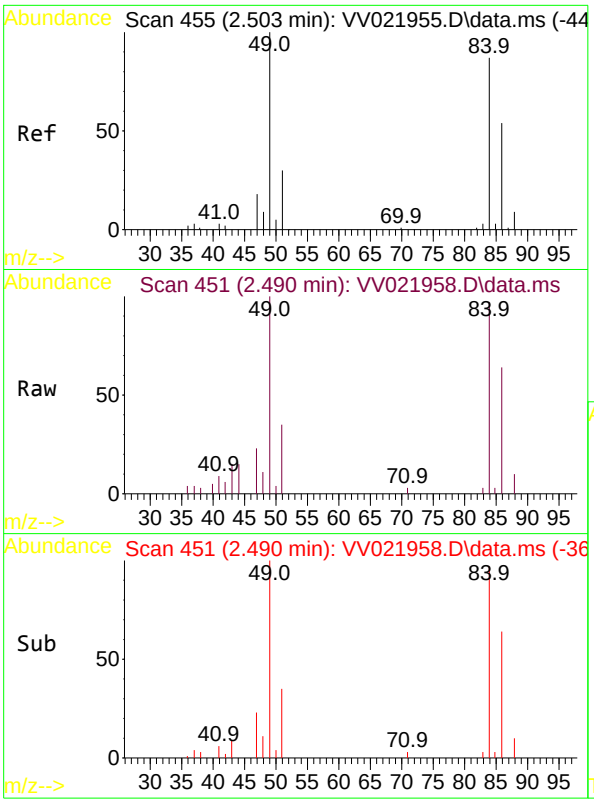
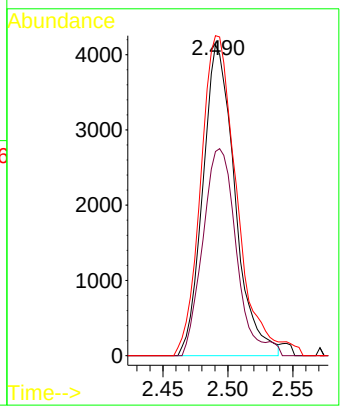




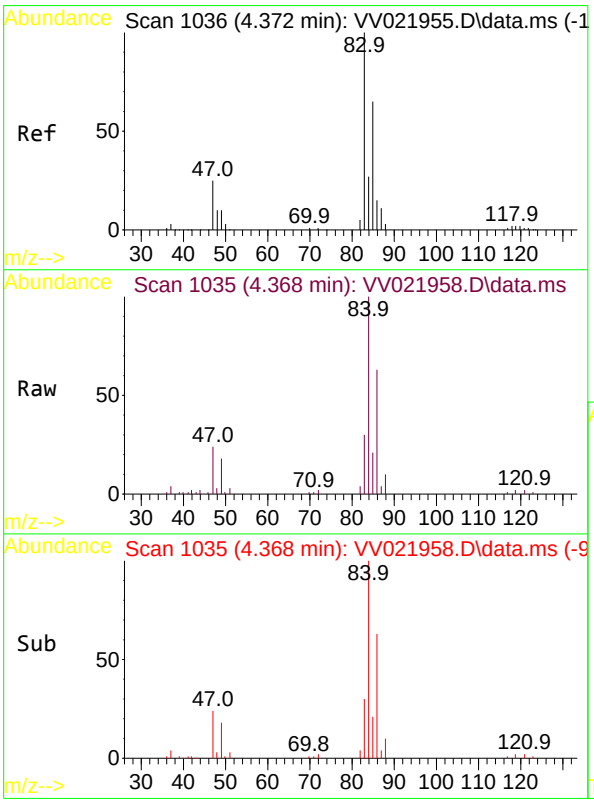
#16
Methylene chloride
Concen: 2.071 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion: 84 Resp: 7085

Ion	Ratio	Lower	Upper
84	100		
86	65.7	44.7	83.1
49	102.9	82.5	153.3



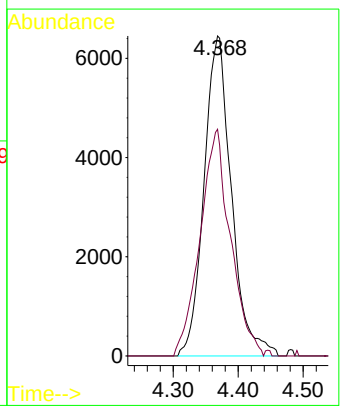
Instrument :
MSVOA_V
ClientSampleId :

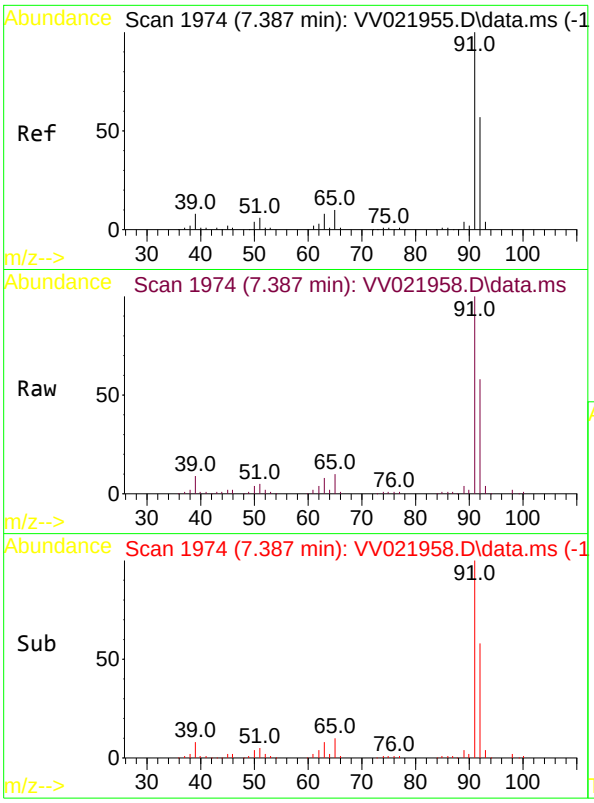


#25
Chloroform
Concen: 3.419 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion: 83 Resp: 18902

Ion	Ratio	Lower	Upper
83	100		
85	70.9	44.8	83.2

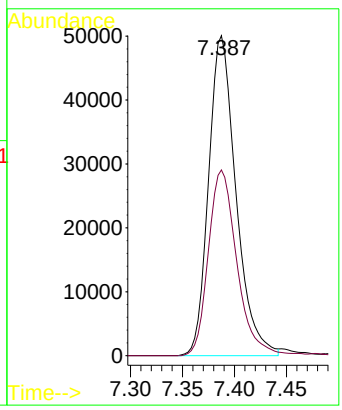




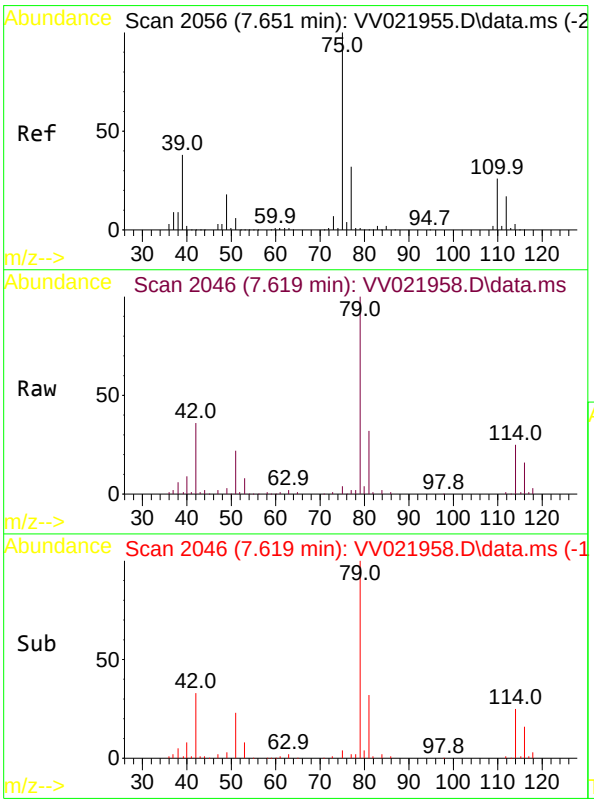
#42
Toluene
Concen: 6.852 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion: 91 Resp: 91915

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.1	74.5



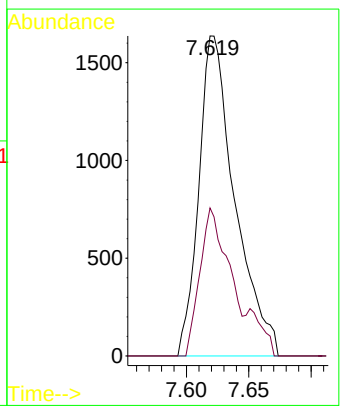
Instrument :
MSVOA_V
ClientSampleId :



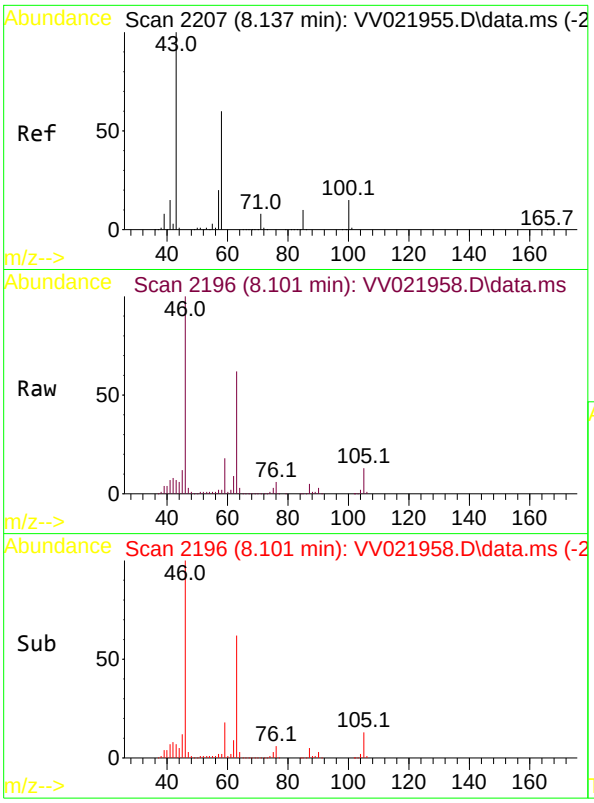
#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.032 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion: 75 Resp: 3299

Ion	Ratio	Lower	Upper
75	100		
77	46.2	22.2	41.2#



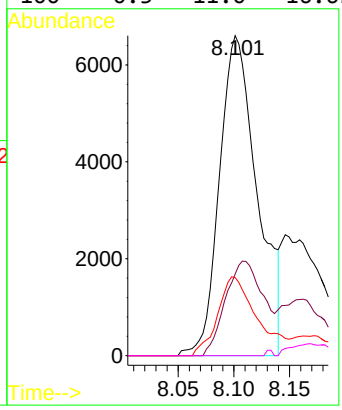
Instrument :
MSVOA_V
ClientSampleId :

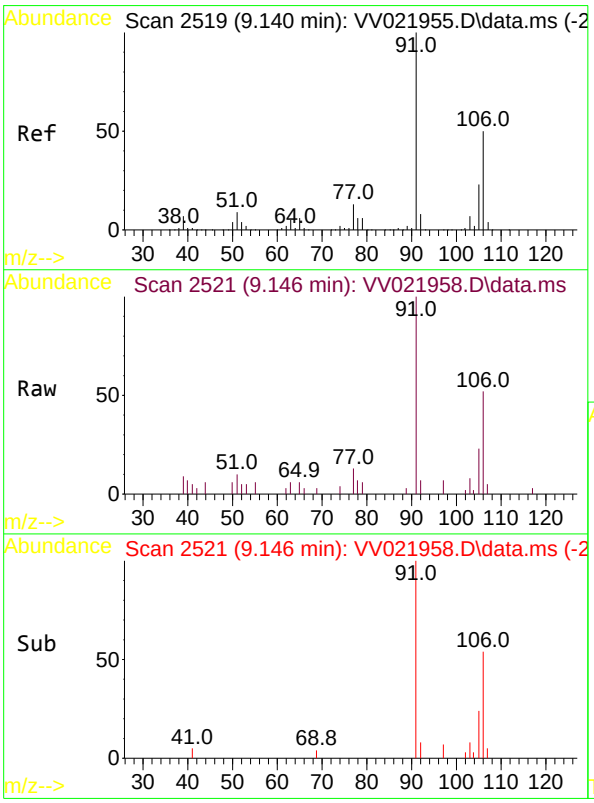


#48
2-Hexanone
Concen: 4.610 ug/L
RT: 8.101 min Scan# 2196
Delta R.T. -0.035 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion: 43 Resp: 15622

Ion	Ratio	Lower	Upper
43	100		
58	29.7	45.4	68.2#
57	23.2	15.3	22.9#
100	0.3	11.0	16.6#

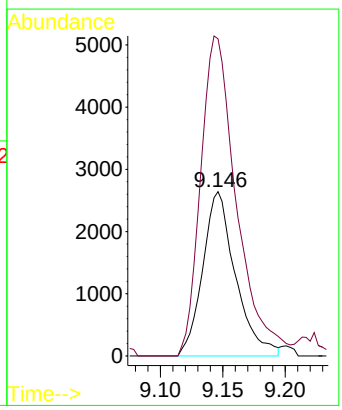




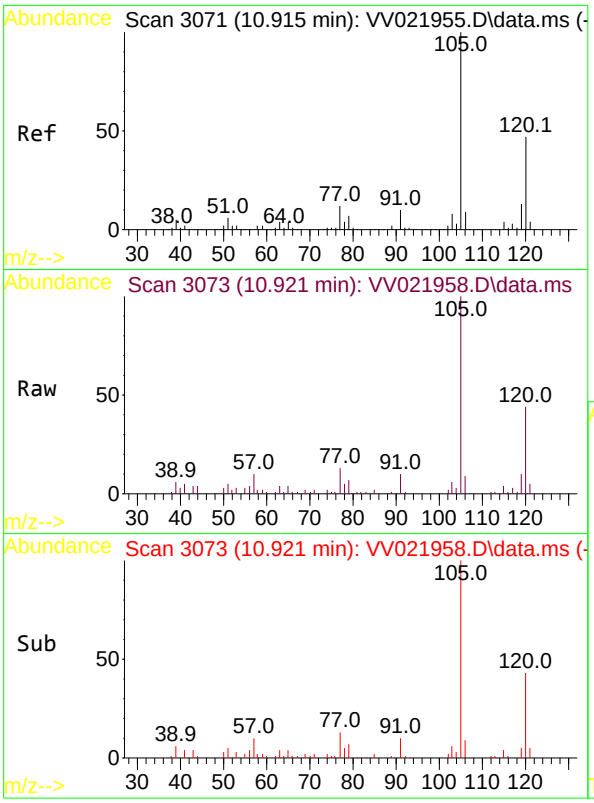
#53
m,p-Xylene
Concen: 0.871 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion:106 Resp: 4832

Ion	Ratio	Lower	Upper
106	100		
91	193.0	139.2	258.6



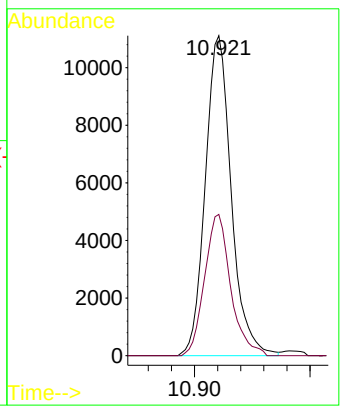
Instrument :
MSVOA_V
ClientSampleId :

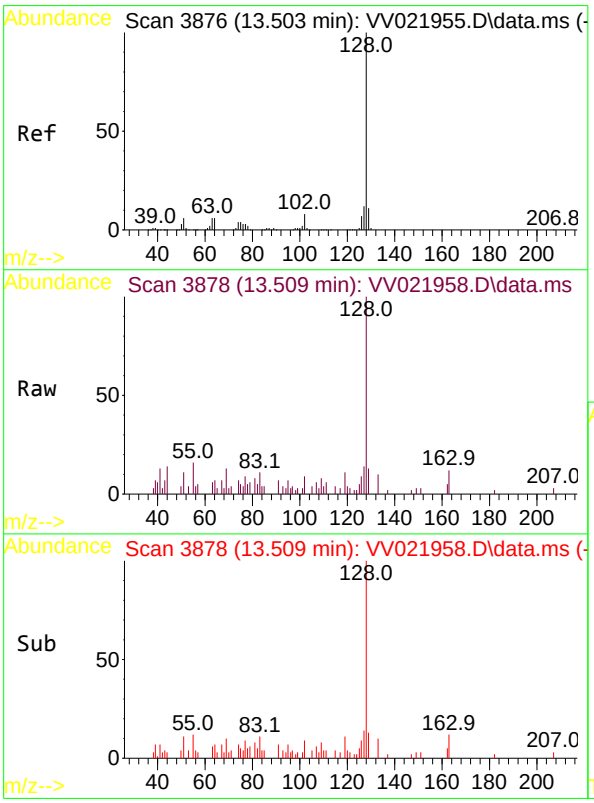


#63
1,2,4-Trimethylbenzene
Concen: 1.293 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion:105 Resp: 17354

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.3	55.9





#71
Naphthalene
Concen: 0.625 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021958.D
Acq: 26 Aug 2021 14:02

Tgt Ion:128 Resp: 8411

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.4	8.5	12.7